Wenner, Rebecca

From: Bredehoft, Deborah
Sent: Wednesday, September 28, 2016 4:51 PM
To: Wenner, Rebecca
Subject: FW: TestAmerica invoice and report files from 310-64273-1 TCLP
Attachments: J64273-1 UDS Level 1 Report Final Report.pdf

From: Zach, Donnie [mailto:donnie.zach@nebraska.gov]
Sent: Friday, October 16, 2015 12:49 PM
To: Bredehoft, Deborah <bredehoft.deborah@epa.gov>
Subject: FW: TestAmerica invoice and report files from 310-64273-1 TCLP

From: Aaron Rochester [mailto:recycletronicsgm@cableone.net]
Sent: Friday, September 18, 2015 4:47 PM
To: Zach, Donnie
Subject: Fwd: TestAmerica invoice and report files from 310-64273-1 TCLP

Our results are attached and good :)

Respectfully,

Aaron J. Rochester

From: "Zach Bindert" <zach.bindert@testamericainc.com>
To: "Aaron Rochester" <recycletronicsgm@cableone.net>
Sent: Friday, September 18, 2015 4:22:08 PM
Subject: TestAmerica invoice and report files from 310-64273-1 TCLP

Hello,

Attached please find the invoice and report files for job 310-64273-1; TCLP

Please feel free to contact me or your PM Linda Cmelik if you have any questions.

Thank you.

ZACH T BINDERT
Project Management Assistant II

TestAmerica Cedar Falls
THE LEADER IN ENVIRONMENTAL TESTING

RCRA

561332

Tel: 319.277,2401
www.testamericainc.com

Reference: [126228]
Attachments: 2

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Cedar Falls
704 Enterprise Drive
Cedar Falls, IA 50613
Tel: (319)277-2401

TestAmerica Job ID: 310-64273-1
Client Project/Site: TCLP

For:
Recycletronics
3313 Northbrook Drive
Sioux City, Iowa 51105

Attn: Aaron Rochester

Linda Cmelik

Authorized for release by:
9/18/2015 4:07:59 PM

Linda Cmelik, Project Manager II
(319)277-2401
linda.cmelik@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Case Narrative

Client: Recycletronics
Project/Site: TCLP

TestAmerica Job ID: 310-64273-1

Job ID: 310-64273-1

Laboratory: TestAmerica Cedar Falls

Narrative

Job Narrative
310-64273-1

Comments
No additional comments.

Receipt
The sample was received on 9/15/2015 9:55 AM; the sample arrived in good condition. The temperature of the cooler at receipt was 19.7° C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Recycletronics
Project/Site: TCLP

TestAmerica Job ID: 310-64273-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-64273-1	Mixed CRT Glass	Solid	09/14/15 14:30	09/15/15 09:55

Client Sample Results

Client: Recycletronics
Project/Site: TCLP

TestAmerica Job ID: 310-64273-1

Client Sample ID: Mixed CRT Glass
Date Collected: 09/14/15 14:30
Date Received: 09/15/15 09:55

Lab Sample ID: 310-64273-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.274		0.100		mg/L		09/17/15 13:05	09/18/15 09:25	1

Lab Chronicle

Client: Recycletronics
Project/Site: TCLP

TestAmerica Job ID: 310-64273-1

Client Sample ID: Mixed CRT Glass

Date Collected: 09/14/15 14:30
Date Received: 09/15/15 09:55

Lab Sample ID: 310-64273-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			101117	09/16/15 08:24	EEE	TAL CF
TCLP	Prep	3010A			101287	09/17/15 13:05	CJT	TAL CF
TCLP	Analysis	6010C		1	101521	09/18/15 09:25	OAD	TAL CF

Laboratory References:

TAL CF = TestAmerica Cedar Falls, 704 Enterprise Drive, Cedar Falls, IA 50613, TEL (319)277-2401

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Recycletronics
Project/Site: TCLP

TestAmerica Job ID: 310-64273-1

Laboratory: TestAmerica Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Iowa	State Program	7	007	12-01-15

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Recycletronics
Project/Site: TCLP

TestAmerica Job ID: 310-64273-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CF = TestAmerica Cedar Falls, 704 Enterprise Drive, Cedar Falls, IA 50613, TEL (319)277-2401

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

310-64273 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information				
Client: Recyclotrons				
City/State:		Project: TCLP		
Receipt Information				
Date/Time Received: 9/5/15 955		Received By:		
Delivery Type: ☐ UPS	☑ FedEx	☐ FedEx Ground	☐ US Mail	☐ Spee-Dee
☐ TA Courier	☐ TA Field Services	☐ Client Drop-off	☐ Other:_____	
Condition of Cooler/Containers				
Sample(s) received in Cooler?	☑ Yes ☐ No	*If yes:* Cooler ID: 072		
Multiple Coolers?	☐ Yes ☑ No	*If yes:* Cooler # _____ of _____		
Cooler Custody Seals Present?	☑ Yes ☐ No	*If yes:* Cooler custody seals intact?	☑ Yes	☐ No
Sample Custody Seals Present?	☐ Yes ☑ No	*If yes:* Sample custody seals intact?	☐ Yes	☑ No
Trip Blank Present?	☐ Yes ☑ No	*If yes:* Which VOA samples are in cooler? ↓		
Temperature Record				
Coolant: ☐ Wet ice	☐ Blue ice	☐ Dry ice	☐ Other:_____	☑ NONE
Temperature Blank?	☑ Yes ☐ No	ID & Bottle Type:		
NOTE: If yes, use temp blank for measurement.		If no, specify sample ID(s) and bottle type used to take measurement.		
Thermometer ID:	H	Correction Factor (°C):	-0.1	
Uncorrected Temp (°C):	19.8	Corrected Temp (°C):	19.7	
Exceptions Noted				
1) If temperature exceeds criteria, was sample(s) received same day of sampling?			☐ Yes	☐ No
a) *If yes:* Is there evidence that the chilling process began?			☐ Yes	☐ No
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles?)			☐ Yes	☐ No
NOTE: If yes, contact PM before proceeding. If no, proceed with login				
Additional Comments				
TCLP.				

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Cedar Falls Division
704 Enterprise Drive
Cedar Falls, IA 50613

Phone 319-277-2401 or 800-750-2401
Fax 319-277-2425

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Recycletronics Client #: _____
Address: 3313 Northbrook D.R.
City/State/Zip Code: Sioux City, IA 51105
Project Manager: Aaron Rochester
Email Address: recycletronicsgm@cableone.net
Telephone Number: 712-224-3160 Fax: 712-224-3161
Sampler Name: (Print Name) Aaron Rochester
Sampler Signature: Aaron Rochester

Project Name: _____
Project #: _____
Site/Location ID: _____ State: _____
Report To: _____
Invoice To: _____
Quote #: _____ PO#: _____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N
Email Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Specify, Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For:	REMARKS
Mixed CRT Glass	9/14/15	2:30pm.												

Special Instructions:

LABORATORY COMMENTS:

Relinquished By:	Date:	Time:	Received By: Brian Barry	Date: 9/15/15	Time: 955
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAL-0033 (0708)

Page _____ of _____

Login Sample Receipt Checklist

Client: Recycletronics

Job Number: 310-64273-1

Login Number: 64273
List Number: 1
Creator: Bantz, Brianna L

List Source: TestAmerica Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	